

|   |   |                                |
|---|---|--------------------------------|
| Form 1449*  | Docket Number: ARC920000054US1            | Application Number: 09/755,858 |
| <b>INFORMATION DISCLOSURE STATEMENT<br/>IN AN APPLICATION</b> | Applicant: Lawrence Yium-chee Chiu et al. |                                |
|   | Filing Date: January 5, 2001              | Group Art Unit: 2186-2187      |

| U.S. PATENT DOCUMENTS |              |          |                    |       |          |                            |
|-----------------------|--------------|----------|--------------------|-------|----------|----------------------------|
| EXAMINER INITIAL      | DOCUMENT NO. | DATE     | NAME               | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| KNM                   | 4,604,694    | 08/05/86 | Hough              |       |          |                            |
|                       | 4,864,559    | 09/05/89 | Perlman            |       |          |                            |
|                       | 5,243,596    | 09/07/93 | Port et al.        |       |          |                            |
|                       | 5,263,161    | 11/16/93 | Barth et al.       |       |          |                            |
|                       | 5,280,612    | 01/18/94 | Loric              |       |          |                            |
|                       | 5,339,443    | 08/16/94 | Lockwood           |       |          |                            |
|                       | 5,392,433    | 02/21/95 | Hammersley et al.  |       |          |                            |
|                       | 5,463,733    | 10/31/95 | Forman et al.      |       |          |                            |
|                       | 5,502,840    | 03/26/96 | Barton             |       |          |                            |
|                       | 5,513,354    | 04/30/96 | Dwork et al.       |       |          |                            |
|                       | 5,577,261    | 11/19/96 | Harinarayan et al. |       |          |                            |
|                       | 5,623,670    | 04/22/97 | Bohannon et al.    |       |          |                            |
|                       | 5,630,140    | 05/13/97 | Modiri et al.      |       |          |                            |
|                       | 5,682,470    | 10/28/97 | Dwork et al.       |       |          |                            |
|                       | 5,729,749    | 03/17/98 | Ito                |       |          |                            |
|                       | 6,105,099    | 08/15/00 | Freitas et al.     |       |          |                            |

RECEIVED

MAR 22 2002

Technology Center 2100

Best Available Copy

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |  |  |
|--|--|--|
| KNM  |  | R.J. Anderson et al., "Wait-free Parallel Algorithms for the Union-Find Problem," Proceedings 23, ACM STOC, 1991, pp. 370-380  |
|  |  | Bernstein et al., "Concurrency Control and Recovery in Database Systems," Chapters 7.3-7.4, pp. 222-240  |
|  |  | T.D. Chandra et al., "On the Impossibility of Group Membership," ACM 1996, p. 322  |
|  |  | T.D. Chandra, "Polylog Randomized Wait-Free Consensus," Proceedings of 15th ACM Symposium on Principles of Distributed Computing, 1996, pp. 166-175  |
|  |  | T.D. Chandra et al., "Unreliable Failure Detectors for Asynchronous Systems," Proceedings of 10th ACM Symposium on Principles of Distributed Computing, 1991, pp. 325-340                                |
|  |  | S. Chaudhuri et al., "Understanding the Set Consensus Partial Order Using the Borowsky-Gafni Simulation," Proceedings of 10th International Workshop on Distributed Algorithms, Italy, 1996, pp. 362-379 |
|  |  | D. Dolev, "A Framework for Partitionable Membership Service," 1996, ACM, 10 pgs.   |
|  |  | I. Keidar et al., "Efficient Message Ordering in Dynamic Networks," Proceedings, 15th Annual ACM Symposium on Principles of Distributed Computing, 1996, pp. 68-76                                       |
|  |  | C. Dwork, "Collective Consistency," LN in CS. 1151. WDAG Proceedings, 1996, p. 234   |
|  |  | C. Dwork, "Collective Consistency (Work in Progress)," ACM 1996, p. 341  |
|  |  | F. Jahanian et al., "Processor Group Membership Protocols: Specification, Design and Implementation," 12th Symposium on Reliable Distributed Systems, October 1993, pp. 1-11                             |

|  |   |
|--|---|
| EXAMINER: <i>Linley M. Olson</i>   | DATE CONSIDERED: <i>August 12, 2004</i> |
| EXAMINER (Initial) reference considered whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant. |   |

|   |   |                                |
|---|---|--------------------------------|
| Form 1449*  | Docket Number: ARC92000054US1             | Application Number: 09/755,858 |
| INFORMATION DISCLOSURE STATEMENT<br>IN AN APPLICATION | Applicant: Lawrence Yium-chee Chiu et al. |                                |
|   | Filing Date: January 5, 2001              | Group Art Unit 2186            |

|            |  |
|------------|--|
| <i>KAM</i> | B. Hajek et al., "The Time Complexity of Maximum Matching by Simulated Annealing," 1988, Journal of the Association for Computing Machinery, 35(2):387-403                                   |
|            | B.W. Lampson, "How to Build a Highly Available System Using Consensus," 19th International Workshop - Distributed Algorithms, Italy, 1996, pp. 1-17  |
|            | G. Neiger, "A New Look at Membership Services," ACM 1996, p. 331   |
|            | J.D. Palmer et al., "Method and Apparatus for Ordered Reliable Multicast with Asymmetric Safety in a Multiprocessing System, U.S. Patent Application No. 08/972,111 filed 11/17/97, pp. 1-42 |
|            | A. Ricciardi, "Impossibility of (Repeated) Reliable Broadcast," ACM 1996, p. 342   |



RECEIVED  
MAR 22 2002  
Technology Center 2100

Best Available Copy

|   |                                      |
|---|--------------------------------------|
| EXAMINER: <i>[Signature]</i>  | DATE CONSIDERED: <i>July 5, 2005</i> |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; otherwise through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant. |                                      |